

## AMENDMENTS TO THE CLAIMS

The following listing of claims replaced all prior versions, and listings, of the claims in the application.

1. (Currently amended) A semi-automatic system for the manufacture of large electrical induction coils, comprising:

a pressure head mounted on a support around which the pressure head pivots, and  
a set of vertical wheels and a horizontal wheel mounted on the pressure head which work on a conductor to be coiled so that turns are perfectly formed without the need to involve manual work thereon.

2. (Original) The system according claim 1, further comprising a feeder that avoids traction tensions in the conductor to be coiled, thus avoiding the risk of stretching thereof.

3. (Original) The system according to claim 1 further comprising:  
a control unit;  
hydraulic parts;  
wherein the control unit transmits commands to the hydraulic parts to maintain a pressure on the vertical and horizontal wheels, in such a way that a pressing process is avoided as each of the turns of the coil are correctly positioned.

4. (Original) The system according to claim 3 wherein by means of the commands both a shape of the coil and a number of turns placed in each layer that forms it is provided, with a position of the horizontal wheel supervising said system so that, should it deviate from an expected value, padding may be used if necessary to provide a predetermined shape.

5. (Original) The system of claim 2, further comprising: a control unit; and hydraulic parts; wherein the control unit transmits commands to the hydraulic parts to maintain a pressure on vertical and horizontal wheels, in such a way that a pressing process is avoided as each of the turns of the coil are correctly positioned.

6. (Original) The system of claim 4, wherein by means of the commands both a shape of the coil and a number of turns placed in each layer that forms it is provided, with a position of the horizontal wheel supervising said system so that, should it deviate from an expected value, padding may be used if necessary to provide a predetermined shape.